

# INTERNATIONAL SEARCH REPORT

International Application No  
EP2004/003585

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC 7 B22F7/00 B01D39/20 B22F3/11

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 B22F B01D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 053 662 A (TOUBOUL JEAN-PAUL ET AL) 11 October 1977 (1977-10-11) the whole document -----	1,20,34
A	US 4 251 272 A (SARA RAYMOND V) 17 February 1981 (1981-02-17) column 1, lines 13-48 column 3, lines 7-55; example I -----	1,20,34



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

\* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the International filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

19 July 2004

Date of mailing of the international search report

27/07/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel: (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Polesak, H

**INTERNATIONAL SEARCH REPORT**International Application No  
PCT/EP2004/003585

Patent document cited in search report	Publication date		Patent family member(s)	Publication date
US 4053662	A	11-10-1977	FR 2309271 A1 BE 817272 A1 CA 1040938 A1 GB 1477340 A IT 1016219 B NL 7409927 A	26-11-1976 26-11-1976 24-10-1978 22-06-1977 30-05-1977 29-10-1976
US 4251272	A	17-02-1981	NONE	